

Title (en)
NON-NEUROINVASIVE VIRUSES AND USES THEREOF

Title (de)
NICHTNEUROINVASIVE VIREN UND VERWENDUNGEN DAVON

Title (fr)
VIRUS NON NEURO-INVASIFS ET LEURS UTILISATIONS

Publication
EP 4226937 A3 20230927 (EN)

Application
EP 22207865 A 20160304

Priority
• US 201562128613 P 20150305
• US 2016020960 W 20160304
• EP 16759599 A 20160304

Abstract (en)
Provided herein are composition and methods for vaccination and research applications. In particular, provided herein are non-neuroinvasive herpesviruses and alpha herpesviruses and use thereof.

IPC 8 full level
A61K 39/12 (2006.01); **A61K 39/245** (2006.01); **A61K 39/25** (2006.01); **C07K 14/005** (2006.01); **C12N 15/01** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP US)
A61K 35/763 (2013.01 - US); **A61K 39/12** (2013.01 - EP US); **A61K 39/245** (2013.01 - US); **A61K 39/25** (2013.01 - US);
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C12N 2710/16743 (2013.01 - EP US)

Citation (search report)
• [I] WO 2014114691 A1 20140731 - VAXXIT SRL [IT]
• [I] J. D. PITTS ET AL: "Crystal Structure of the Herpesvirus Inner Tegument Protein UL37 Supports Its Essential Role in Control of Viral Trafficking", JOURNAL OF VIROLOGY, vol. 88, no. 10, 15 May 2014 (2014-05-15), US, pages 5462 - 5473, XP055324704, ISSN: 0022-538X, DOI: 10.1128/JVI.00163-14
• [I] P. DESAI ET AL: "A Null Mutation in the Gene Encoding the Herpes Simplex Virus Type 1 UL37 Polypeptide Abrogates Virus Maturation", JOURNAL OF VIROLOGY., vol. 75, no. 21, 1 November 2001 (2001-11-01), US, pages 10259 - 10271, XP055488118, ISSN: 0022-538X, DOI: 10.1128/JVI.75.21.10259-10271.2001
• [I] DAVID ANDREW T ET AL: "A Herpes Simplex Virus 1 (McKrae) Mutant Lacking the Glycoprotein K Gene Is Unable To Infect via Neuronal Axons and Egress from Neuronal Cell Bodies", MBIO, vol. 3, no. 4, July 2012 (2012-07-01), pages - 12, XP002782563

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2016141320 A2 20160909; WO 2016141320 A3 20161027; CN 107530416 A 20180102; EP 3268034 A2 20180117;
EP 3268034 A4 20181114; EP 4226936 A2 20230816; EP 4226936 A3 20230927; EP 4226937 A2 20230816; EP 4226937 A3 20230927;
US 10647964 B2 20200512; US 11339378 B2 20220524; US 11447753 B2 20220920; US 2018044643 A1 20180215;
US 2020263146 A1 20200820; US 2020263147 A1 20200820; US 2023082744 A1 20230316

DOCDB simple family (application)
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US 201615555873 A 20160304; US 202016868243 A 20200506; US 202016868246 A 20200506; US 202217932320 A 20220915